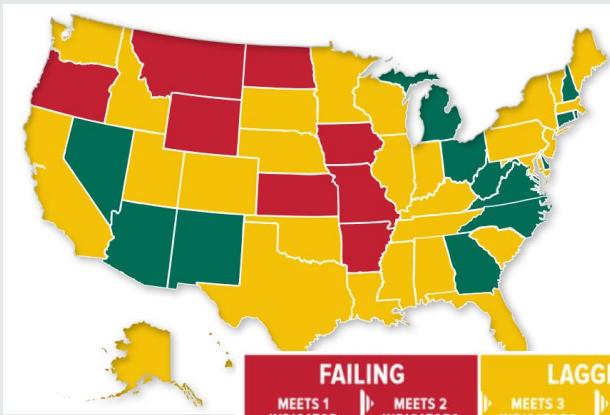




Nevada's Evolving Opioid Crisis: Successes and Challenges



2018 National Safety Council



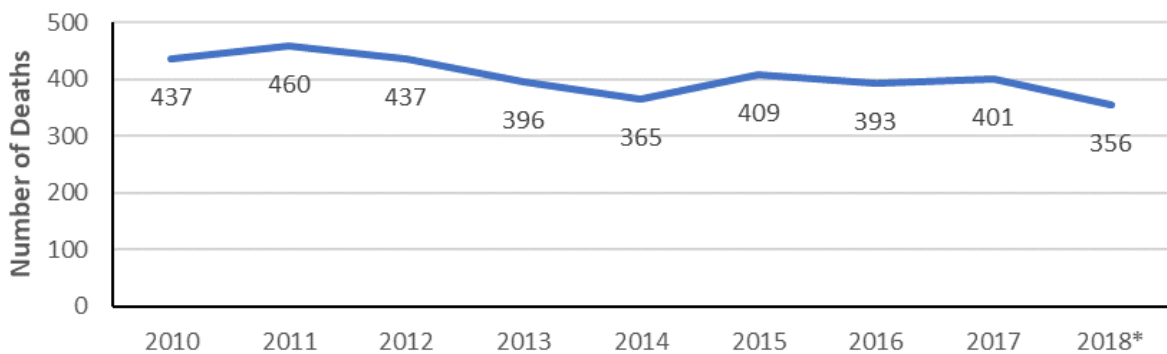
1. Mandating prescriber education
2. Implementing opioid prescribing guidelines
3. Integrating PMP into clinical setting
4. Improving data collection/sharing
5. Treating opioid overdose
6. Increasing availability of opioid use disorder treatment

FAILING		LAGGING		IMPROVING	
MEETS 1 INDICATOR	MEETS 2 INDICATORS	MEETS 3 INDICATORS	MEETS 4 INDICATORS	MEETS 5 INDICATORS	MEETS 6 INDICATORS
MO	AR, IA, KS, MT, ND, OR, WY	HI, ID, IL, IN, MA, MN, MS, NE, NJ, NY, SD, WA	AL, AK, CA, CO, FL, KY, LA, ME, MD, OK, PA, SC, TN, TX, UT, VT, WI	AZ, CT, DE, DC, GA, MI, NH, NC, OH, RI, VA, WV	NV, NM

Nevada's Opioid Overdose Deaths



Opioid-Related Overdose Deaths, State of Nevada Residents, 2010-2018*



*Data for 2018 are preliminary.

Nevada's Opioid and Benzodiazepine Overdose Deaths



Opioid-Related Overdose Deaths, State of Nevada Residents, 2010-2019*

Year	Opioid-Related Overdose Deaths	Crude Rates	Percent Change	Benzodiazepine Related Overdose Deaths	Opioid and Benzodiazepine Related Overdose Deaths
2010	437	16.2		161	139
2011	460	16.9	5%	166	143
2012	437	15.9	-6%	162	140
2013	396	14.1	-11%	126	106
2014	365	12.8	-9%	125	109
2015	409	14.1	10%	130	117
2016	393	13.3	-6%	155	126
2017	401	13.4	1%	123	106
2018*	356	11.7	-13%	139	112
2019*	92			22	19
Percent Change 2010-2018*			-27%		

Rates are per 100,000 State of Nevada Population.

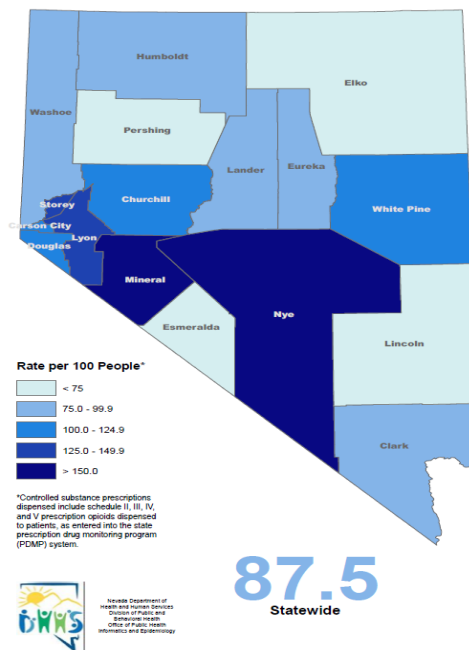
*Data for 2018 and 2019 are preliminary. Data for 2019 includes Quarter 1 only.

Each year:

- Roughly 85% of all benzodiazepine-related overdose deaths also involve opioids.
- Roughly 30% of all opioid-related overdose deaths also involve benzodiazepines.

Opioid Prescription Rates 2016

Opioid Pain Killer Prescription Rates*, Nevada, 2016

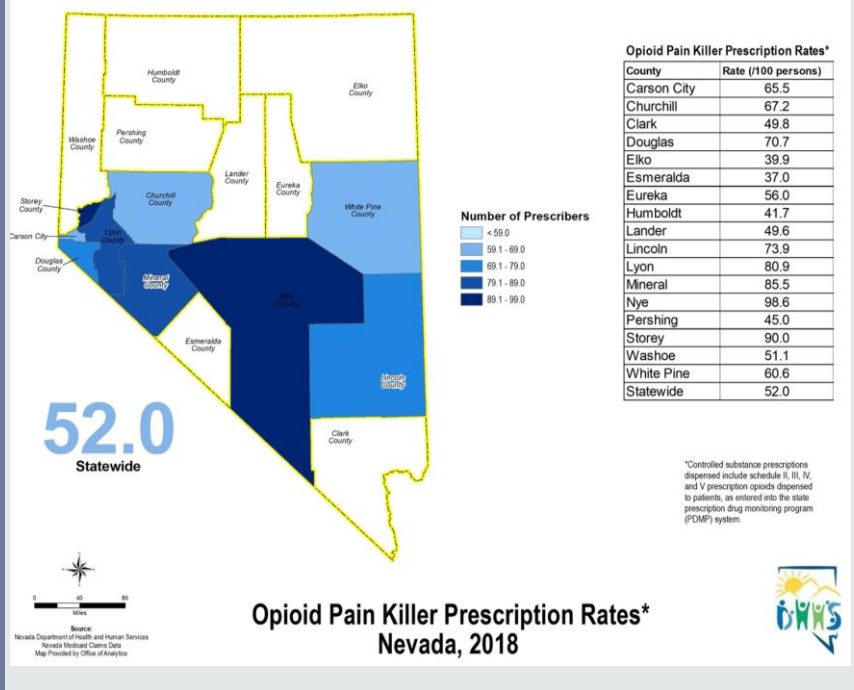


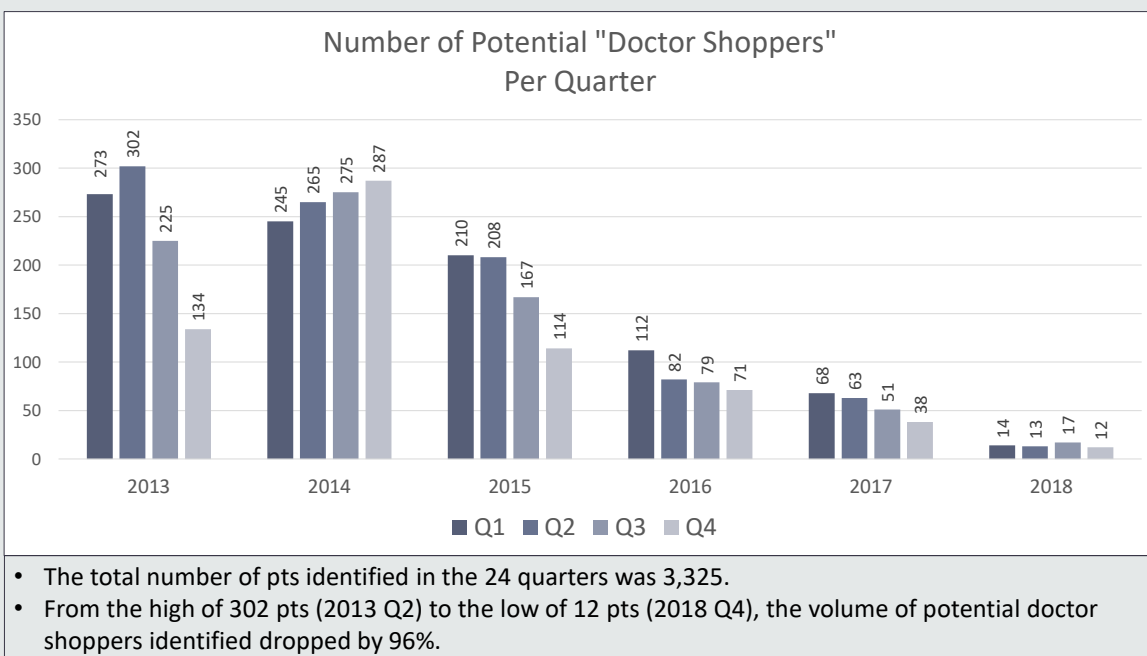
Opioid Painkiller Prescribing Rates Per 100, by County, 2016

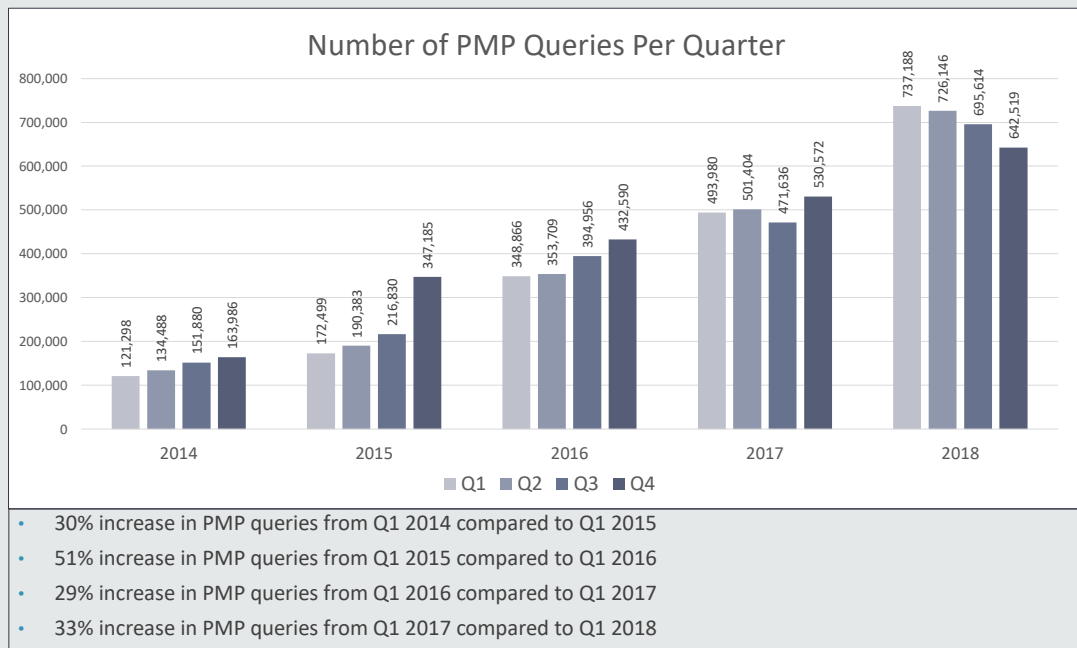
County	Rate
Carson City	105.4
Churchill	106.8
Clark	84.3
Douglas	102.0
Elko	71.7
Esmeralda	72.5
Eureka	92.7
Humboldt	75.5
Lander	85.2
Lincoln	60.7
Lyon	130.0
Mineral	158.2
Nye	155.6
Pershing	69.5
Storey	146.9
Washoe	87.5
White Pine	99.9
Statewide	87.5

(Sources: Office of Public Health Informatics and Epidemiology; Prescription Drug Monitoring Program)

Opioid Prescription Rates 2018









Prescription Drug Monitoring Program Data, January 2017 – December 2018

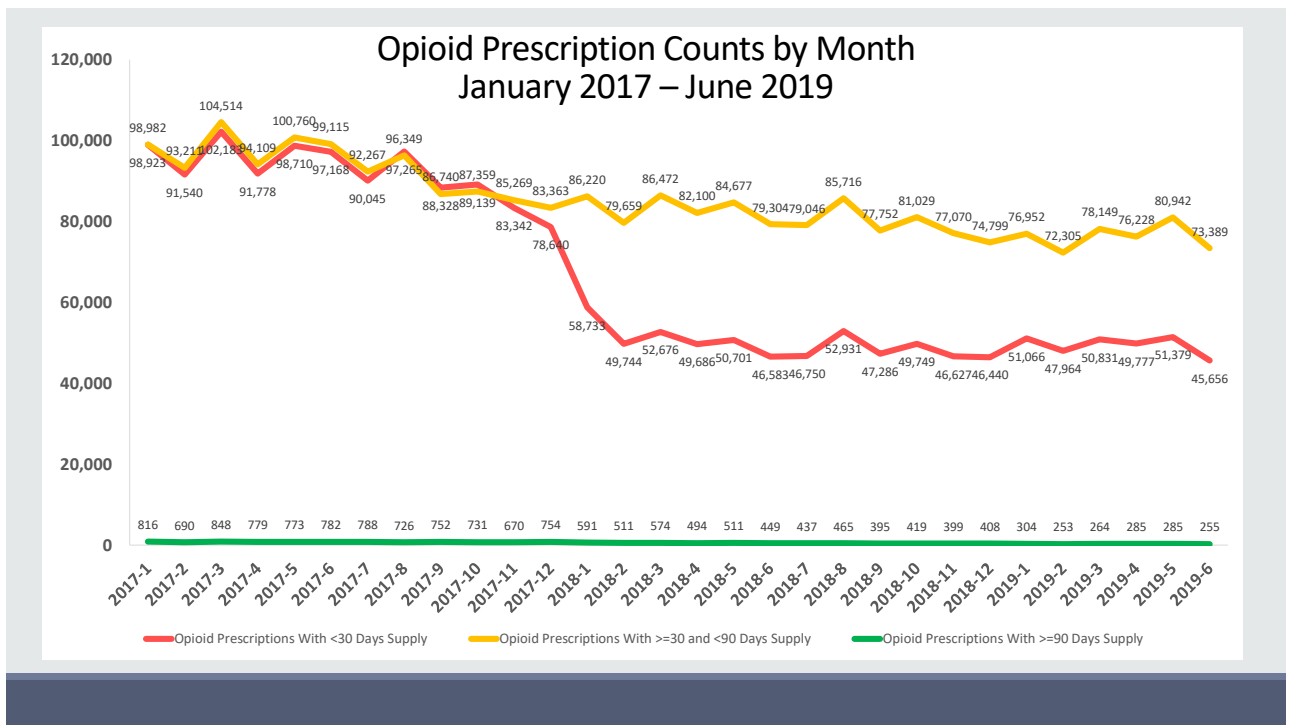
39% decrease in the rate of opioid prescriptions per 100 Nevada residents.

- Opioid prescriptions with less than a 30 days supply decreased by **53%**.
- Opioid prescriptions with greater than or equal to a **30 days supply and less than a 90 days supply** decreased by **24%**.
- Opioid prescriptions with greater than or equal to a **90 days supply** decreased by **50%**.

All Nevada counties observed a decrease in both the number of and rate of opioid prescriptions by month, with the decrease in rates ranging from 25% (Lincoln) to 56% (Humboldt).

- The number of individuals who were co-prescribed Opioid and Benzodiazepines during the same month also decreased significantly, by 54% in Nevada overall.

DHHS Office of Analytics Data Source: Prescription Drug Monitoring Program (PDMP; 2018)
[http://dhhs.nv.gov/uploadedFiles/dhhsnv.gov/content/Programs/Office_of_Analytics/Images/Nevada%20PDMP%20Surveillance,%20Pre%20and%20Post%20AB474%20\(Jan%202017%20-%20Sep%202018\)\(1\).pdf](http://dhhs.nv.gov/uploadedFiles/dhhsnv.gov/content/Programs/Office_of_Analytics/Images/Nevada%20PDMP%20Surveillance,%20Pre%20and%20Post%20AB474%20(Jan%202017%20-%20Sep%202018)(1).pdf)



Opioid Prescriptions For Both Less Than and Greater Than 30 Days and 90 Days, by Top 10 ICD-10 Group, 2018

< 30 Days Supply			
Top 10 Diagnosis Groups		Prescriptions	
Dorsalgia	M54	36,106	40,000
Diseases of the Nervous System, Pain, not elsewhere classified	G89	33,816	35,000
Dental caries	K02	12,998	30,000
Other joint disorder, not elsewhere classified	M25	11,710	25,000
Diseases of pulp and periapical tissues	K04	11,106	20,000
Pain, unspecified	R52	9,809	15,000
Thoracic, thoracolumbar, and lumbosacral intervertebral disc disorders	M51	8,634	10,000
Other disorders of teeth and supporting structures	K08	8,196	5,000
Abdominal and pelvic pain	R10	6,536	-
Spondylosis	M47	5,916	-
>= 30 but < 90 Days Supply			
Top 10 Diagnosis Groups		Prescriptions	
Dorsalgia	M54	156,752	200,000
Thoracic, thoracolumbar, and lumbosacral intervertebral disc disorders	M51	74,905	150,000
Spondylosis	M47	61,982	100,000
Diseases of the Nervous System, Pain, not elsewhere classified	G89	43,227	50,000
Other joint disorder, not elsewhere classified	M25	30,525	-
Intraoperative and postprocedural complications and disorders of musculoskeletal system, not elsewhere classified	M96	18,455	-
Cervical disc disorders	M50	18,024	-
Other and unspecified soft tissue disorders, not elsewhere classified	M79	16,799	-
Other spondylopathies	M48	14,074	-
Osteoarthritis of knee	M17	10,502	-
>= 90 Days Supply			
Top 10 Diagnosis Groups		Prescriptions	
Dorsalgia	M54	791	1,000
Thoracic, thoracolumbar, and lumbosacral intervertebral disc disorders	M51	212	800
Diseases of the Nervous System, Pain, not elsewhere classified	G89	195	600
Other joint disorder, not elsewhere classified	M25	192	400
Other and unspecified soft tissue disorders, not elsewhere classified	M79	144	200
Other and unspecified osteoarthritis	M19	133	-
Osteoarthritis of knee	M17	111	-
Spondylosis	M47	104	-
Polysteoarthritis	M15	97	-
Migraine	G43	58	-

MAT drugs are not included.

Opioid Prescriptions For Both Less Than and Greater Than 30 Days and 90 Days, by Top 10 ICD-10 Group, 2019*

< 30 Days Supply			
Top 10 Diagnosis Groups		Prescriptions	
Diseases of the Nervous System, Pain, not elsewhere classified	G89	24,417	
Dorsalgia	M54	22,611	
Other joint disorder, not elsewhere classified	M25	7,385	
Dental Caries	K02	6,490	
Thoracic, thoracolumbar, and lumbosacral intervertebral disc disorders	M51	5,729	
Pain, unspecified	R52	5,657	
Diseases of pulp and periapical tissues	K04	5,567	
Spondylosis	M47	4,720	
Abdominal and pelvic pain	R10	4,087	
Other disorders of teeth and supporting structures	K08	3,007	
>= 30 but < 90 Days Supply			
Top 10 Diagnosis Groups		Prescriptions	
Dorsalgia	M54	92,695	
Thoracic, thoracolumbar, and lumbosacral intervertebral disc disorders	M51	43,856	
Spondylosis	M47	41,104	
Diseases of the Nervous System, Pain, not elsewhere classified	G89	21,616	
Other joint disorder, not elsewhere classified	M25	15,748	
Intraoperative and postprocedural complications and disorders of musculoskeletal system, not elsewhere classified	M96	12,822	
Cervical disc disorders	M50	9,991	
Other spondylopathies	M48	7,270	
Nontraumatic compartment syndrome	M79	7,170	
Osteoarthritis of knee	M17	5,937	
>= 90 Days Supply			
Top 10 Diagnosis Groups		Prescriptions	
Dorsalgia	M54	273	
Diseases of the Nervous System, Pain, not elsewhere classified	G89	90	
Thoracic, thoracolumbar, and lumbosacral intervertebral disc disorders	M51	64	
Other joint disorder, not elsewhere classified	M25	56	
Nontraumatic compartment syndrome	M79	51	
Other and unspecified osteoarthritis	M19	46	
Spondylosis	M47	42	
Migraine	G43	36	
Polyosteoarthritis	M15	33	
Osteoarthritis of knee	M17	26	

*Data for 2019 include quarters 1 and 2 only. MAT drugs are not included.

Number of Individuals Co-Prescribed Benzodiazepines and Opioids in the Same Month, January 2017 - June 2019

